

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAJDA1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 10 Time limit for inactive STN sessions doubles to 40
minutes
NEWS 3 AUG 18 COMPENDEX indexing changed for the Corporate Source
(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
translated claims for Chinese Applications and
Utility Models
NEWS 10 OCT 27 Free display of legal status information in CA/CAPLUS,
USPATFULL, and USPAT2 in the month of November.

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN customer
agreement. This agreement limits use to scientific research. Use
for software development or design, implementation of commercial
gateways, or use of CAS and STN data in the building of commercial
products is prohibited and may result in loss of user privileges
and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 18:45:12 ON 10 NOV 2009

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 18:45:24 ON 10 NOV 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2009 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 9 NOV 2009 HIGHEST RN 1191987-31-1
DICTIONARY FILE UPDATES: 9 NOV 2009 HIGHEST RN 1191987-31-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

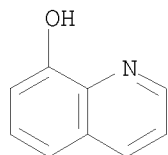
<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 8-hydroxyquinoline/cn
L1 1 8-HYDROXYQUINOLINE/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 148-24-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 8-Quinolinol (CA INDEX NAME)
OTHER NAMES:
CN 1-Azanaphthalene-8-ol
CN 8-Hydroxychinolin
CN 8-Hydroxyquinoline
CN 8-OQ
CN 8-Oxyquinoline
CN 8-Quinol
CN Albisal
CN AQ+
CN Fennosan H 30
CN NSC 2039
CN NSC 285166
CN NSC 402623
CN NSC 48037
CN NSC 54230
CN NSC 615011
CN NSC 82404
CN NSC 82405
CN NSC 82409
CN NSC 82410
CN NSC 82412
CN Oxin
CN Oxine
CN Oxoquinoline
CN Oxychinolin
CN Oxyquinoline
CN Phenopyridine
CN Quinophenol
CN Tumex

DR 123574-67-4, 24804-14-6
 MF C9 H7 N O
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9998 REFERENCES IN FILE CA (1907 TO DATE)
 1534 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 10021 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
7.88	8.10

FILE 'CAPLUS' ENTERED AT 18:45:46 ON 10 NOV 2009
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 10 Nov 2009 VOL 151 ISS 20
 FILE LAST UPDATED: 9 Nov 2009 (20091109/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPLUS family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

```
=> s l1
L2      10021 L1

=> s l2 and "zinc chloride"
      734177 "ZINC"
      153 "ZINCS"
      734204 "ZINC"
      ("ZINC" OR "ZINCS")
1303673 "CHLORIDE"
172639 "CHLORIDES"
1383262 "CHLORIDE"
      ("CHLORIDE" OR "CHLORIDES")
      26678 "ZINC CHLORIDE"
      ("ZINC"(W)"CHLORIDE")
L3      45 L2 AND "ZINC CHLORIDE"

=> s l3 and composition
      768764 COMPOSITION
      354175 COMPOSITIONS
      1114853 COMPOSITION
      (COMPOSITION OR COMPOSITIONS)
L4      2 L3 AND COMPOSITION

=> d l4 1-2 ibib abs
```

```
L4  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:      2006:170571  CAPLUS
DOCUMENT NUMBER:      144:239986
TITLE:                  Composition comprising ionophores for
                        treatment of cancer
INVENTOR(S):           Ding, Wei-Qun; Lind, Stuart, E.
PATENT ASSIGNEE(S):    USA
SOURCE:                 PCT Int. Appl., 57 pp.
                        CODEN: PIXXD2
DOCUMENT TYPE:          Patent
LANGUAGE:               English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2006021008	A2	20060223	WO 2005-US29710	20050819
WO 2006021008	A3	20060908		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,			

KG, KZ, MD, RU, TJ, TM
US 20060040980 A1 20060223 US 2005-206818 20050819
PRIORITY APPLN. INFO.: US 2004-603352P P 20040820

AB This invention relates to anti-cancer uses of ionophores of which clioquinol (5-chloro-7-iodo-8-hydroxyquinoline) is a prototype drug. The present invention is further directed toward using ionophores such as clioquinol alone, or in combination with metals (e.g., zinc or copper, manganese) as anti-cancer and anti-angiogenic agents. This invention further relates to the potentiation of the anti-cancer properties of polyunsatd. fatty acids when used in conjunction with the ionophores of the present invention. The invention is also directed to the therapeutic or prophylactic use of pharmaceutical compns. containing the ionophores of the present invention, and to methods of treating cancer as well as other disease states associated with unwanted angiogenesis and/or cellular proliferation, such as diabetic retinopathy, neovascular glaucoma, rheumatoid arthritis, and psoriasis, by administering effective amts. of such compds.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:26959 CAPLUS

DOCUMENT NUMBER: 108:26959

ORIGINAL REFERENCE NO.: 108:4463a,4466a

TITLE: Polymeric compositions capable of releasing a bioactive substance at a controlled rate

INVENTOR(S): Yamamori, Naokia; Ohsugi, Hiroharu; Eguchi, Yoshuo; Yokoi, Junji

PATENT ASSIGNEE(S): Nippon Paint Co., Ltd., Japan

SOURCE: Eur. Pat. Appl., 37 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
EP 220965	A2	19870506	EP 1986-308477	19861030
EP 220965	A3	19900214		
EP 220965	B1	19920122		
R: DE, FR, GB, NL				
JP 62101653	A	19870512	JP 1985-243593	19851030
JP 07108927	B	19951122		
AU 8664512	A	19870507	AU 1986-64512	19861028
AU 598761	B2	19900705		
DK 8605169	A	19870501	DK 1986-5169	19861029
NO 8604320	A	19870504	NO 1986-4320	19861029
NO 171533	B	19921221		
NO 171533	C	19930331		
CA 1325970	C	19940111	CA 1986-521750	19861029
US 5298569	A	19940329	US 1993-1417	19930107

PRIORITY APPLN. INFO.: JP 1985-243593 A 19851030
US 1986-924823 B1 19861030
US 1988-267698 B1 19881103
US 1990-622112 B1 19901205

AB A polymeric composition that releases a bioactive substance at a controlled rate comprises a polymer having a bioactive organic moiety bonded on ≥ 1 side chain through a metal ester bonding. A polymer was prepared by heating a mixture of Et acrylate 60, 2-ethylhexyl acrylate 25, acrylic

acid 15, AIBN 2, xylene 120 and BuOH 30 parts at 110-120°, for 2 h.
This polymer (100 parts) was heated with 14.4 parts 5-quinolinecarboxylic
acid and 7.7 parts Ni(OH)₂ at 120° for 2 h to give a
controlled-release material.

OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS
RECORD (11 CITINGS)

=> d his

(FILE 'HOME' ENTERED AT 18:45:12 ON 10 NOV 2009)

FILE 'REGISTRY' ENTERED AT 18:45:24 ON 10 NOV 2009

L1 1 S 8-HYDROXYQUINOLINE/CN

FILE 'CAPLUS' ENTERED AT 18:45:46 ON 10 NOV 2009

L2 10021 S L1

L3 45 S L2 AND "ZINC CHLORIDE"

L4 2 S L3 AND COMPOSITION

=> s l3 and ad<19980221

3315642 AD<19980221

(AD<19980221)

L5 9 L3 AND AD<19980221

=> d l5 1-9 ibib abs

L5 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:845558 CAPLUS

DOCUMENT NUMBER: 137:346235

TITLE: Chelated 8-hydroxyquinoline for the treatment of
epithelial lesions

INVENTOR(S): Jordan, Russel T.; Hanson, Carl C.; Potestio, Frank S.

PATENT ASSIGNEE(S): Dermex Pharmaceuticals, LLC, USA

SOURCE: U.S., 10 pp., Cont.-in-part of U.S. Ser. No. 21,421.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6476014	B1	20021105	US 2001-601304	20010102
US 20040092496	A1	20040513	US 1998-21421	19980210 <--
WO 9939721	A1	19990812	WO 1999-US2817	19990210
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 20030113381	A1	20030619	US 2002-247161	20020918
US 7060696	B2	20060613		
US 20030114484	A1	20030619	US 2002-247526	20020918
US 6774124	B2	20040810		
US 20060204592	A1	20060914	US 2006-434613	20060516
PRIORITY APPLN. INFO.:			US 1998-21421	A2 19980210
			WO 1999-US2817	W 19990210
			US 2001-601304	A3 20010102

US 2002-247161 A3 20020918

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect, wherein the epithelial lesions are selected from cancerous and precancerous lesions, cysts, and warts; and permitting the composition to destroy the lesion.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1999:511033 CAPLUS

DOCUMENT NUMBER: 131:139492

TITLE: Chelated 8-hydroxyquinoline for the treatment of epithelial lesions

INVENTOR(S): Jordan, Russel T.; Hanson, Carl C.; Potestio, Frank S.

PATENT ASSIGNEE(S): Dermex Pharmaceuticals, LLC, USA

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9939721	A1	19990812	WO 1999-US2817	19990210
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 20040092496	A1	20040513	US 1998-21421	19980210 <--
CA 2320628	A1	19990812	CA 1999-2320628	19990210
CA 2320628	C	20090623		
AU 9925956	A	19990823	AU 1999-25956	19990210
AU 755521	B2	20021212		
EP 1052999	A1	20001122	EP 1999-905911	19990210
EP 1052999	B1	20070131		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
NZ 506367	A	20030328	NZ 1999-506367	19990210
AT 353016	T	20070215	AT 1999-905911	19990210
US 6476014	B1	20021105	US 2001-601304	20010102
US 20030113381	A1	20030619	US 2002-247161	20020918
US 7060696	B2	20060613		
US 20030114484	A1	20030619	US 2002-247526	20020918
US 6774124	B2	20040810		
US 20060204592	A1	20060914	US 2006-434613	20060516
PRIORITY APPLN. INFO.:			US 1998-21421	A2 19980210
			WO 1999-US2817	W 19990210
			US 2001-601304	A3 20010102
			US 2002-247161	A3 20020918

AB Oxinates including 8-hydroxyquinoline and a heavy metal are topically applied to epidermal lesions for therapeutic effect. The therapeutic composition demonstrates selective toxicity with a therapeutic index of 100% on human lung cancer, breast cancer, melanoma, venereal warts, male veruoca warts, lesions produced by human papilloma virus, basal cell carcinoma, solar keratosis, and Kaposi's sarcoma. In veterinary applications where

dogs, cats, and horses are the patients, the composition shows a 100% therapeutic index with selective toxicity against eye cancer, sarcoids, sarcoma, malignant melanoma, rectal adenoma, histiocytoma, and sebaceous adenoma.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
 REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:479327 CAPLUS

DOCUMENT NUMBER: 127:101871

ORIGINAL REFERENCE NO.: 127:19499a,19502a

TITLE: Preparation of polynuclear metal complex as electroluminescent element

INVENTOR(S): Kishii, Noriyuki; Kijima, Yasunori

PATENT ASSIGNEE(S): Sony Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

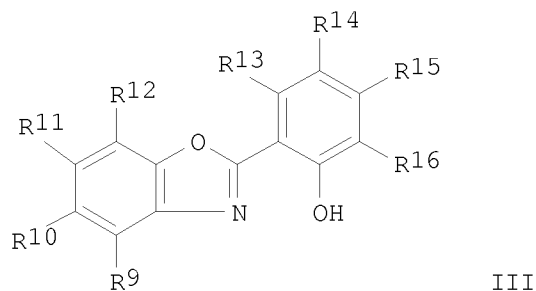
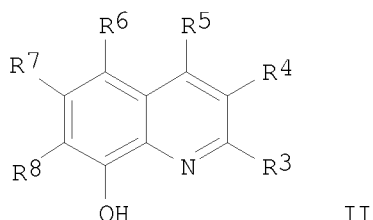
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09165391	A	19970624	JP 1995-348101	19951215 <--
JP 3861930	B2	20061227		
PRIORITY APPLN. INFO.:			JP 1995-348101	19951215
OTHER SOURCE(S):		MARPAT 127:101871		
GI				



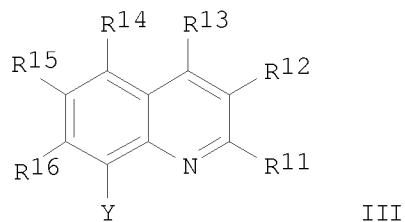
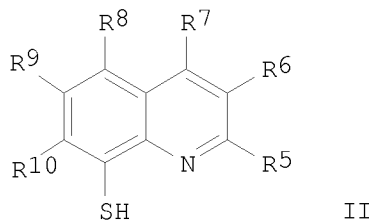
AB The title compds. M2(L10)m(L20)4-m [I; M = bivalent IIA and IIB group metal; L1, L2 = N-containing aromatic alc. ligands such as II (R3-R8 = H, halo, OH, CO2H, NH2, etc.) and III (R9-R16 = H, halo, NO2, NH2, etc.); m = 0-4]

are prepared by reacting metal salts $M(RCO_2)_2$ or MCO_3 (M = same as above) with L_1OH or L_2OH (L_1, L_2 = same as above) in alcs. I are useful as electroluminescent elements. Thus, $Zn(MeCO_2)_2$ was reacted with III (BOH ; $R_9-R_{16} = H$) in EtOH to give $Zn_2(BO)_4$, which was tested and showed high brightness, electronic transporting, and fluorescent characteristics.

L5 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:479326 CAPLUS
 DOCUMENT NUMBER: 127:101870
 ORIGINAL REFERENCE NO.: 127:19499a,19502a
 TITLE: Preparation of polynuclear metal complex as electroluminescent device
 INVENTOR(S): Kishii, Noriyuki; Kijima, Yasunori
 PATENT ASSIGNEE(S): Sony Corp., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 09165390	A	19970624	JP 1995-348100	19951215 <--
JP 3871151	B2	20070124		
PRIORITY APPLN. INFO.: GI			JP 1995-348100	19951215



AB The title compds. $M_2(L_1S)_m(L_2Z)_nX_4-m-n$ [I ; $Z = O, S$; $X = \text{anion}$; $M =$ bivalent IIA and IIB group metal; $L_1 = N$ -containing aromatic thiol ligands such as II ($R_5-R_{10} = H, \text{halo}, OH, CO_2H, NH_2, \text{etc.}$); $L_2 = N$ -containing aromatic alc. or thiol ligands such as III ($Y = OH, SH$; $R_{11}-R_{16} = H, \text{halo}, NO_2, NH_2, \text{etc.}$); $m = 1-4$; $n = 0-3$] are prepared by reacting metal salts MX'_2 (M = same as

above; X' = anion) with L1SH, L2SH, or L2OH (L1, L2 = same as above) in alcs. I are useful as devices. Thus, ZnCl₂ was reacted with III (QSH; Y = SH, R11-R16 = H).HCl in EtOH to give Zn₂(QS)₃, which was tested and showed high brightness, electronic transporting, and fluorescent characteristics.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L5 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:76891 CAPLUS

DOCUMENT NUMBER: 126:98472

ORIGINAL REFERENCE NO.: 126:18848h,18849a

TITLE: Method for producing zinc complexes and electroluminescent devices

INVENTOR(S): Kishii, Noryuki; Kijima, Yasunori; Ata, Masafumi; Asai, Nobutoshi

PATENT ASSIGNEE(S): Sony Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

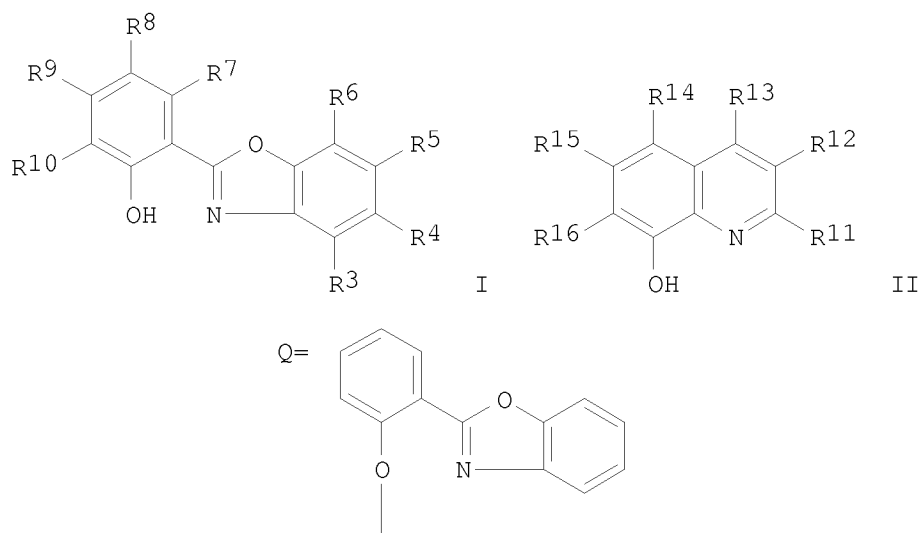
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08301877	A	19961119	JP 1995-137306	19950510 <--
JP 3585060	B2	20041104		
PRIORITY APPLN. INFO.:			JP 1995-137306	19950510
OTHER SOURCE(S):	MARPAT	126:98472		

GI



AB Zinc complexes consisting of a plural number of nuclei
 Zn₂(L1-O)_m(L2-O)_n(L3-O)_{3-m-n}X_p [L1, L2, L3 = a ligand different from each other, e.g. I and II; wherein R₃ - R₁₆ = H, halo, OH, NO₂, CO₂H, carbonyl, NH₂, amido, or SO₃H, or alkyl, aryl, or heteroaryl optionally substituted by above these group(s): X = anion; m, n = 0-3; p = 0-4], which are

suitable for electrooptical materials possessing high brightness, fluorescence, and electron transportability, are prepared An optical device, in particular electroluminescent device containing said zinc complex(es) and a fluorescent dye consists of a transparent electrode, a hole transport layer, a luminescent and/or electron-transport layer, a cathode which are layered in this sequence. Thus, 2.72 g ZnCl₂ and 6.48 g 2-(o-hydroxyphenyl)benzoxazole were dissolved in ethanol, refluxed for 10 min, and treated dropwise with aqueous NH₃, and the refluxing was continued for another 30 min to give, after cooling, filtering off a solid, washing, purifying it by sublimation, 4.2 g Zn₂(B1-O)₃ (B1 = Q) (III). An electroluminescent device with a hole transport (electron transport) and luminescent layer containing III showed a blue luminescence having a luminescent peak at 460 nm.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L5 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1995:897002 CAPLUS
DOCUMENT NUMBER: 124:18464
ORIGINAL REFERENCE NO.: 124:3395a,3398a
TITLE: Recording materials employing visible change in formation of coordination compounds
INVENTOR(S): Torii, Masashi; Hayakawa, Kunio
PATENT ASSIGNEE(S): Ricoh Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07228045	A	19950829	JP 1994-276034	19941014 <--
JP 3458250	B2	20031020		
US 5489501	A	19960206	US 1994-325121	19941018 <--
PRIORITY APPLN. INFO.:			JP 1993-283961	A 19931018
			JP 1993-312553	A 19931118
			JP 1993-344165	A 19931218
			JP 1993-346474	A 19931223
			JP 1994-276034	A 19941014

AB The recording materials contain ≥ 2 coordination compds. and employ the visible change in newly formation of another coordination compound from the coordination compds. Heat, pressure, or elec. current is charged to the recording materials to induce exchange reaction of the ligands and the metal ions between ≥ 2 coordination compds. resulting in formation of new coordination compds. and visible change. The materials may addnl. contain acidic substances, H₂O-releasing substances, inorg. metal compds., Fe dicarboxylates, etc., to improve the storage stability. The recording materials show high sensitivity, low d. of the background, and good storage stability in the image area and the background. A base paper was coated with a composition containing Ca Fe stearate (Fe:Ca = 1:2), 2,3-dihydroxynaphthalene Zn, CaCO₃, Me cellulose, and an aqueous solution of poly(vinyl alc.) to give a thermal recording sheet.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L5 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1988:26959 CAPLUS
DOCUMENT NUMBER: 108:26959
ORIGINAL REFERENCE NO.: 108:4463a,4466a
TITLE: Polymeric compositions capable of releasing a

INVENTOR(S): bioactive substance at a controlled rate
 Yamamori, Naokia; Ohsugi, Hiroharu; Eguchi, Yoshuo;
 Yokoi, Junji
 PATENT ASSIGNEE(S): Nippon Paint Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 37 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 220965	A2	19870506	EP 1986-308477	19861030 <--
EP 220965	A3	19900214		
EP 220965	B1	19920122		
R: DE, FR, GB, NL				
JP 62101653	A	19870512	JP 1985-243593	19851030 <--
JP 07108927	B	19951122		
AU 8664512	A	19870507	AU 1986-64512	19861028 <--
AU 598761	B2	19900705		
DK 8605169	A	19870501	DK 1986-5169	19861029 <--
NO 8604320	A	19870504	NO 1986-4320	19861029 <--
NO 171533	B	19921221		
NO 171533	C	19930331		
CA 1325970	C	19940111	CA 1986-521750	19861029 <--
US 5298569	A	19940329	US 1993-1417	19930107 <--

PRIORITY APPLN. INFO.:

JP 1985-243593 A 19851030
 US 1986-924823 B1 19861030
 US 1988-267698 B1 19881103
 US 1990-622112 B1 19901205

AB A polymeric composition that releases a bioactive substance at a controlled rate comprises a polymer having a bioactive organic moiety bonded on ≥ 1 side chain through a metal ester bonding. A polymer was prepared by heating a mixture of Et acrylate 60, 2-ethylhexyl acrylate 25, acrylic acid 15, AIBN 2, xylene 120 and BuOH 30 parts at 110-120°, for 2 h. This polymer (100 parts) was heated with 14.4 parts 5-quinolinecarboxylic acid and 7.7 parts Ni(OH)₂ at 120° for 2 h to give a controlled-release material.

OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

L5 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1983:551367 CAPLUS
 DOCUMENT NUMBER: 99:151367
 ORIGINAL REFERENCE NO.: 99:23039a,23042a
 TITLE: Collector designed for concentration of microgram metal ion quantities
 INVENTOR(S): Ciba, Jerzy; Stec, Henryk; Gregorowicz, Zbigniew
 PATENT ASSIGNEE(S): Politechnika Slaska, Pol.
 SOURCE: Pol., 2 pp.
 CODEN: POXXA7
 DOCUMENT TYPE: Patent
 LANGUAGE: Polish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 115124	B2	19810331	PL 1977-200238	19770811 <--
PRIORITY APPLN. INFO.:			PL 1977-200238	A 19770811

AB A collector is described for concentration and separation of trace amts. of the metal

ions, which simplifies the sample preparation process, and allows direct determination of the metal ions by instrumental methods. Thus, a chromatog. paper was saturated with 3M aqueous ZnCl₂, placed for 3 h in a H₂S chamber, washed with H₂O (until no Cl⁻ was detected), dipped in 1% aqueous Me cellulose, and dried at 100 ± 5°. The obtained collector retained Hg ions from the solns. containing 1-1000 µg Hg²⁺/dm³, and Cu ions from the solns. within the same concentration range.

L5 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1969:414366 CAPLUS
DOCUMENT NUMBER: 71:14366
ORIGINAL REFERENCE NO.: 71:2667a,2670a
TITLE: Wood pulp preservative
INVENTOR(S): Hallstan, B. H.; Florvall, G. L.
PATENT ASSIGNEE(S): Aktiebolag Ewos
SOURCE: Swed., 2 pp.
CODEN: SSXXAY
DOCUMENT TYPE: Patent
LANGUAGE: Swedish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
SE 218132		19680109	SE	19631219 <--

AB Spoilage of paper pulp was prevented by applying to an aqueous slurry a fungicide (50-600 g./ton pulp), composed of 8-hydroxyquinoline (I) and a Zn salt in stoichiometric proportions. Thus, 20 g. I was dissolved in 60 g. of a warm 25% solution of H₂SO₄ followed by 20 g. ZnSO₄·7H₂O (II). This solution (500 ml.) was added to a 3% pulp slurry. The pulp was dewatered to 50% consistency and baled. After 4 months at 26°, no signs of deterioration of pulp were detected. Similar results were obtained with mixts. of 30 g. I and 20 g. II in 50 g. of a 20% HCl solution; and 10 g. ZnCl₂, 10 g. I, 45 g. 10% H₂SO₄ solution, and 35 g. EtOH.

=> d his

(FILE 'HOME' ENTERED AT 18:45:12 ON 10 NOV 2009)

FILE 'REGISTRY' ENTERED AT 18:45:24 ON 10 NOV 2009

L1 1 S 8-HYDROXYQUINOLINE/CN

FILE 'CAPLUS' ENTERED AT 18:45:46 ON 10 NOV 2009

L2 10021 S L1

L3 45 S L2 AND "ZINC CHLORIDE"

L4 2 S L3 AND COMPOSITION

L5 9 S L3 AND AD<19980221

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	43.96	52.06

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-9.02	-9.02

STN INTERNATIONAL LOGOFF AT 18:48:00 ON 10 NOV 2009